

V-CHECK 4RCP T12

Power Frequency Overvoltage Protection Devices
SPD+POP



General Data

Internal configuration	3+1
No. Poles	8-Pole
No. poles + configuration	4 Poles, 3P+N
No. DIN rail modules	8
Network configuration	TT, TNS
IEC SPD Type	Class II
EN SPD Type	Type 2
Protection Modes	L-N / N-PE
Product standards	EN 61643-11



PART NUMBERS	
XXXX	4RCP
V-CHECK XXXX T12	77706590
V-CHECK XXXX T12 IR (with Remote Indication)	77706592

POWER FREQUENCY OVERVOLTAGE PROTECTOR (POP)	
V-CHECK XXXX T12, V-CHECK XXXX T12 IR (with Remote Indication)	4RCP
Actuation method	Contactor
Test button	Yes
Limit values for response and non-response times according to UNE-EN 50550:	
Voltages (V)	255275300350400
Maximum break time (s)	No tripping1550,750,20
Minimum non-actuating time (s)	310,250,07

SURGE PROTECTION DEVICE (SPD) - IEC TECHNICAL FEATURES	
V-CHECK XXXX T12, V-CHECK XXXX T12 IR (with Remote Indication)	4RCP
Maximum continuous operating voltage (AC) - Uc (L-N) [V]	275
Maximum continuous operating voltage (AC) - Uc (N-PE) [V]	255
Nominal voltage AC 50-60 Hz - Un [V]	230/400
Nominal voltage AC 50-60 Hz - Un(L-L) [V]	400
Nominal voltage AC 50-60 Hz - Un(L-N) [V]	230
Nominal discharge current (8/20) - In (L-N) [kA]	20
Nominal discharge current (8/20) - In (N-PE) [kA]	50
Max Discharge Current (8/20) - Imax (L-N) [kA]	65
Voltage protection level at In - Up (L-N) [kV]	≤1,3
Voltage protection level at In - Up (N-PE) [kV]	≤1,5
Following current - Ifi [A]	100
Response time - tA (L-N) [ns]	≤25
Response time - tA (N-PE) [ns]	≤100
Dynamic thermal disconnection	Yes
Maximum back-up fuse [A [gG]]	200

DATASHEET

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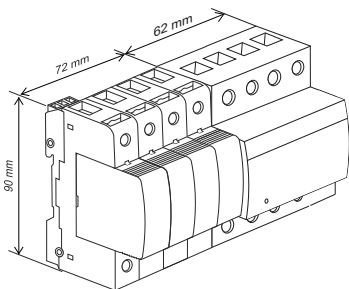


V-CHECK 4RCP T12

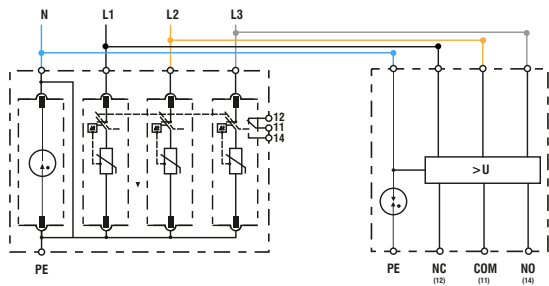
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MECHANICAL AND ENVIRONMENTAL FEATURES	
V-CHECK XXXX T12, V-CHECK XXXX T12 IR (with Remote Indication)	4RCP
Temperature range [°C]	-5 ... 40
Humidity range [%]	5 ... 95
Indication System Type	LED
Insulating material	PA66 CT1
Enclosure - IP	IP20
Solid conductor cross section	6...35 mm ²
Stranded conductor cross section	6...25 mm ²

DIMENSIONS AND WEIGHT	
V-CHECK XXXX T12 V-CHECK XXXX T12 IR (with Remote Indication)	4RCP
Net Weight [kg]	1.079
Gross weight [kg]	1.173
Packaging dimensions (H x W x L) [mm]	145 × 136 × 86



INTERNAL CONFIGURATION



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